

NOTES



Please read the manual before using the product



About the User Manual

This User Manual is available and effective upon completion of development of Dayton 120T BT Mixer Amplifier. The User Manual includes product description, matters needing attentions in use, features, and technical specifications of Dayton 120T BT. Please read this User Manual carefully before connection, installation and use and operate in accordance with corresponding instructions in the Manual.



This symbol on the rear panel indicates matters needing attentions please use or operate the product in accordance with corresponding instructions.

Please keep this User Manual in good custody for future use.

CAUTION

- When the power switch is "OFF", the machine is not completely disconnected from the power grid. For the sake of safety, please pull the power cord plug out of the socket when not using the equipment.
- The equipment shall not be subject to water drops or splashes, and objects such as vases filled with water shall not be placed on the equipment.
- To reduce the risk of electric shock, do not remove the cover. If necessary, please ask professional personnel to repair.
- The symbol on the rear panel indicates hazardous live. The connection of these terminals must be operated by the instructed person.
- The equipment is connected to the power grid through the power cord plug. In case of equipment failure or danger, the connection between the unit and the power grid can be disconnected by pulling out the power cord plug. Therefore, it is required to place the power socket to a position where the power cord can be plugged and unplugged conveniently.

Safety Precautions

1. Safety Precautions

- Please do NOT connect this device to the power source, before the system is correctly wired.
- It is important to ensure that input voltage to the device is the same as required voltage of the device; otherwise the device may be damaged.
- There is dangerous voltage in the device, which may cause personal electric shock. Please do NOT open the case without permission, to avoid potential risks of electric shock.
- The device is not completely disconnected from power source when it is switched to "OFF". For sake of safety, please disconnect the device from the socket if it is not in use.
- Please do NOT place the device where it is extremely cold or hot.
- Good ventilation must be provided in the working environment of the device, to avoid excessive temperature during its operation, which may cause damages to the device.
- Please unplug the device from power socket in raining and wet days or if the device is not in use for a long time.
- Please disconnect the power plug from sockets, to ensure the device has been completely disconnected from power source, before any component is removed from or re-installed in the device or before any electric connector of the device is disconnected or reconnected.
- In case of any failure of the device, please do NOT open the case and repair without permission from a professional personnel, to avoid accident or additional damages to the device.
- Please do NOT place any corrosive chemicals near or on the device.

2. Matters needing attention

- The following conditions are beyond the scope of warranty:
 - (1) Product damage due to improper installation, use or handling;
 - (2) Product damage due to abnormal conditions (such as excessive power source voltage or ambient humidity);
 - (3) Product damage due to natural disasters;
 - (4) Product SN is changed, altered or removed;
 - (5) Product has been repaired or modified by any person without duly authorization from our company;
- Please keep the User Manual and Warranty Card in good custody.
- For issues and precautions not mentioned in this User Manual, if required, please contact the distributor or visit our website.
- In case of any failure in the warranty period, please contact service personnel (or distributor) of our company for service. The company shall not be liable for damages due to unauthorized dis-assembly or maintenance or service by unauthorized personnel

Caution

To assure the finest performance, please use or operate the product in accordance with corresponding instructions.



This symbol indicates "forbidden content"



This symbol indicates "compulsory content"

■ Please make sure that the power wire is NOT damaged. Do NOT unplug the equipment by pulling the power wire; otherwise it may cause electric shock, short circuit or fire.	■ When the equipment is in use, DO NOT block the air outlet which should be kept clear, in order to avoid overheating.
■ Do NOT store this equipment in any place with heavy dust or vibration, or where it is extremely cold or hot.	■ Please do NOT place any heavy article on this equipment. Please operate switches, buttons or external audio source carefully.
■ Please prevent foreign matters (such as paper, metal etc.) entering the equipment through the gaps or opening, in such cases, please cut off the power supply immediately.	■ Do NOT attempt to remove any internal component from the equipment, or to modify the equipment in whatever manner.
■ In case that sound is suddenly off or there is abnormal odor or smoke; please unplug the equipment from the power socket to avoid potential electric shock, fire or other accident. The equipment should be inspected by professional personnel.	■ If the equipment is not in use for a long period, please unplug it from the AC power socket to realize zero energy consumption.

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Specification

Model		MP9312U
Rated Output Power		120W (Note: Please use a constant-voltage speaker within the power range)
Rated Output Voltage		100V
Sensitivity	MIC1 IN	0.005(±1mV)
	MIC2 IN	0.006(±1mV)
	LINE1 IN,LINE2 IN, PRIORITY IN	0.3(±20mV)VRMS
	PRIORITY IN-100V	100 VRMS
SNR	MIC1, MIC2, LINE1 IN	≥74db(MAX.)
	LINE2 IN,INPUT PRIORITY	≥80dB(MAX.)
Frequency Range		80Hz-15kHz (±3dB)
THD		≤0.5% (1K under normal working condition)
Working Voltage		AC180-250V/50-60Hz
Tone	Bass	±10dB (100Hz)
	Treble	±10dB (10kHz)
Rated Power Consumption		180W 90W
Package Dimensions (L×W×H)		310×275×120mm
Machine Dimensions (L×W×H)		200×190×44mm
Net Weight		1.5kg
Gross Weight		2kg

The specification will be subject to changes without prior notices,

Packing List

No.	List	Quantity
1	Digital Mixer Amplifier	1 piece
2	User Manual	1 copy
3	Certificate	1 copy
4	Power Cord	1 piece
5	Remote Controller	1 piece
6	2P Green Plug	5 pieces
7	1500MM Audio Cable	1 piece

sources in the phone can be played after the pairing is successful (the “.” point stops flashing after the device is successfully paired with the Bluetooth of the phone), with excellent wireless transmission function.

3.2 USB Mode

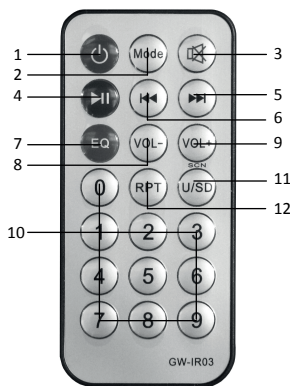
When the USB flash disk is inserted, it will automatically jump to the USB mode (plug and play), and the unit will play the tracks in MP3 format in the USB flash disk.

3.3 AUX Mode

The line mode is the default mode of this system. When the USB flash disk is not inserted, and the Bluetooth is not connected, the digital screen displays AUX after power-on.

IV. Remote Controller

1. MP3/BT switch button.
2. Mode: AUX, BT and MP3 conversion button.
3. Mute: MP3/BT mute button. Press this button once, and the content displayed in LED will flash after the played program is muted; and then press this button to cancel the mute.
4. MP3/ BT play/pause operation button.
5. MP3/BT backward song selection button
6. MP3 forward song selection button, radio forward channel selection button.
7. EQ: Under MP3 output mode, with the Class mode, Jazz mode, Rock mode, Bass mode and Pop mode.
8. VOL-: MP3/BT volume decrease button.
9. VOL+: MP3/BT volume increase button.
10. 0-9 numerical keys: They are used to input the serial number of MP3 chapter and memorizing number of tuner channel.
11. U/SD: In MP3 mode, it is used to play music from USB disk or SD card
12. RPT: Selection of MP3 repeat mode including repeat one and repeat all.

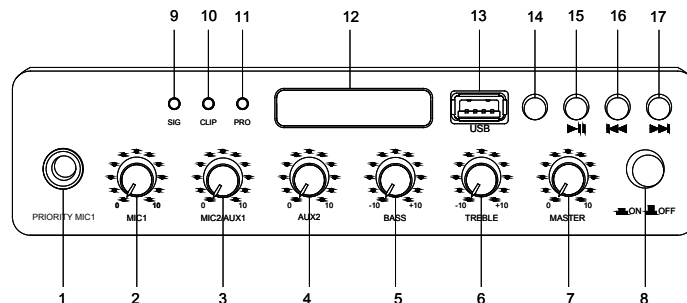


I. Features

- With three working modes: Bluetooth, USB, and AUX.
- With wireless Bluetooth play function.
- With signal level indicator (SIG), clipping indicator (CLIP) and protection indicator (PRO).
- With 100VRMS priority LINE IN, normal signal priority LINE IN, and microphone priority LINE IN.
- 2 MIC IN, 1 channel with phantom power, and 1 channel with priority.
- 2 LINE IN, 1 channel with RCA, and 1 channel with XLR.
- With 2 outputs, 1-channel 100V constant-voltage amplifier output, and 1 channel 1VRMS AUX OUT.
- With three-level priority, PRIORITY IN on the rear panel with the highest priority, PRIORITY MIC1 with the second level priority, others with the lowest priority.
- With overload, short-circuit, and temperature protection function, and with temperature-controlled fan.
- With master volume control; independent volume control for MIC and LINE; treble and bass volume control.
- With remote control function.

II. Appearance Description

2.1 Front Panel



1. MIC1 IN with the second priority

2. MIC1 Volume

Adjust MIC1 volume. Turn clockwise to turn up the volume, and counterclockwise to turn down the volume.

3. MIC2/AUX1 Volume

Adjust MIC2/AUX1 volume. Turn clockwise to turn up the volume, and counterclockwise to turn down the volume.

4. AUX2 Volume

Adjust AUX2 volume. Turn clockwise to turn up the volume, and counterclockwise to turn down the volume.

5. Bass Volume

Take the central position as the reference. Turn clockwise to turn up the bass, and counterclockwise to turn down the bass.

6. Treble Volume

Take the central position as the reference. Turn clockwise to turn up the treble, and counterclockwise to turn down the treble.

7. Master Volume

Adjust all signal level. Turn clockwise to turn up the volume, and counterclockwise to turn down the volume.

8. Power Switch

9. Signal Level Indicator (SIG)

10. Clipping Indicator (CLIP)

11. Protection Indicator (PRO)

12. Digital Display Screen

Display the current mode status.

13. USB Port

Insert the USB flash disk here to provide programs for the built-in MP3.

14. Mode Switching Button

Can switch to BLUE mode, USB mode and AUX mode.

15. Play/Pause Button

In USB mode and Bluetooth mode, it is a Play/Pause button; while in AUX mode, it is a MUTE button.

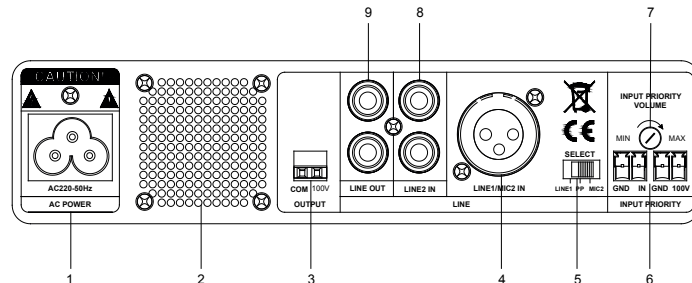
16. Previous Button

Press the button to switch to the "previous", and long press the button to turn down the volume.

17. Next Button

Press the button to switch to the "next", and long press the button to turn down the volume.

2.2 Rear Panel



1. AC POWER IN

Connect the working power source. When connecting, first connect the plug on the machine, and then connect it to the power source.

2. Fan Cooling Window

3. Speaker OUT

4. LINE1 /MIC2 IN

Can connect MIC and other external audio sources.

5. LINE1/PP/MIC2

LINE1/PP/MIC2 audio source selection. Slide left or right to select AUX1 or MIC2 or MIC2 (PP) with phantom power. Note: In the PP position, only microphones driven by phantom power can be connected, and no other signal sources can be connected.

6. Two inputs with the highest priority

7. Volume control for two inputs with the highest priority

8. AUX2 IN

9. 1VRMS AUX OUT

III. Operating Instructions

This machine has three play modes, including USB mode, Bluetooth mode and AUX mode.

3.1 Bluetooth Mode

Press the "MODE" button on the panel of the machine to enter the Bluetooth mode, the digital screen will display BL., and the "." point behind the BL will keep flashing. Please turn on the Bluetooth of the mobile phone to search for the Bluetooth device, find the "Dayton 120T BT" device name for pairing. The audio